

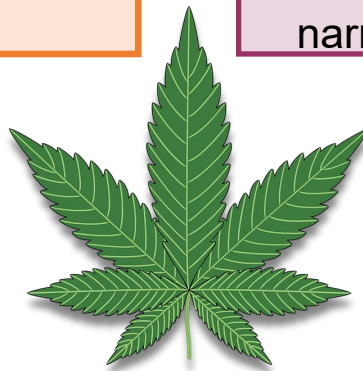
Marijuana and Transplant

Effect of Chronic Marijuana Use

- Inability to pay attention
- Memory problems
- Impaired decision-making
- Lack of motivation
- Increased anxiety/depression
- Worsening of schizophrenia symptoms

Complications of Chronic Marijuana Use

- Dependence
- Impaired body movement
- Lung disease from the smoke
- Lung infections (*Aspergillus*)
- Lower birth weight babies
- Cardiac: increased heart rate, hypotension, hypertension, arrhythmias, sudden cardiac death, and narrowed blood vessels



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Forms of Marijuana

- Smoke
- Vaporized oil (most potent)
- Edible (brownies, lollipops)
- Lip Balm
- Skin Cream / Butter
- Sublingual (strips, liquids)
- Transdermal patch
- Suppositories

Effect on Organ Transplant

- Increases tacrolimus levels in the blood which could lead to toxicity
- No direct effect on kidney
- Marijuana smoke causes chronic bronchitis, bullous emphysema and lung cancer